



PATENT
Attorney Docket 70048

GP/2621
#8
RST
12.28-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Stephan W. WEGERICH)
)
Appln No.: 09/800,977)
)
Filed: March 8, 2001)
)
For: COMPLEX SIGNAL)
DECOMPOSITION AND MODELING)
)
Group Art)
Unit: 2621)
)
Examiner:)

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

12/3/01
Date

Perry J. Hoffman

Registration No. 37,150

Attorney for Applicant(s)

SECOND SUPPLEMENTAL
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Commissioner of Patents and Trademarks
ATTENTION: Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure under 37 CFR § 1.56, and in accordance with 37 CFR §§ 1.97, and 1.98, Applicant supplements herewith the statements dated September 28, 2001 and September 14, 2001, and brings the following information with respect to the above-identified patent application to the attention of the Examiner.

U.S. PATENT DOCUMENTS

<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>
3,045,221	07/17/62	Roop
Re. 31,750	11/27/84	Morrow

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Attorney Docket 70048

U.S. PATENT DOCUMENTS

<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>
4,978,909	12/18/90	Hendrix et al.
5,495,168	02/27/96	de Vries
5,548,528	08/20/96	Keeler et al.
5,561,431	10/01/96	Peele et al.
5,586,066	12/17/96	White et al.
5,757,309	05/26/98	Brooks et al.
5,774,379	06/30/98	Gross et al.
5,784,285	07/21/98	Tamaki et al.
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FOREIGN PATENT DOCUMENTS

<u>Patent No.</u>	<u>Publication Date</u>	<u>Country</u>
WO 00/67412	11/09/00	PCT

OTHER DOCUMENTS

"Application Of A New Technique For Modeling System Behavior"
by Paul J. O'Sullivan, presented at the ISA Symposium, Edmonton,
Alberta, May 1, 1991, © Copyright 1991 Instrument Society of
America (21 pp.)

"A Universal, Fault-Tolerant, Non-Linear Analytic Network For
Modeling And Fault Detection," by J. E. Mott, R. W. King, L. R.
Monson, D. L. Olson, and J. D. Staffon, Proceedings of the 8th Power
Plant Dynamics, Control & Testing Symposium, Knoxville,
Tennessee, May 27-29, 1992 (14 pp.)

OTHER DOCUMENTS

ModelWare™ Product Review by Robert D. Flori, reprinted from Computerized Investing, September/October 1992, Volume XI, No. 5, copyright by The American Association of Individual Investors (pp. 8-10)

ModelWare™ A New Approach to Prediction by Ken Tucker, reprinted from PC AI magazine, January/February 1993, pp. 14, 15, 30

"Similarity Based Regression: Applied Advanced Pattern Recognition for Power Plant Analysis," by E. J. Hansen and M. B. Caudill, presented at the 1994 EPRI Heat Rate Improvement Conference (9 pp.)

"Applied Pattern Recognition For Plant Monitoring And Data Validation," by Ron Griebenow, E. J. Hansen, and A. L. Sudduth, presented at the Fifth International Joint ISA POWID/EPRI Controls and Instrumentation Conference, La Jolla, California, June 19-21, 1995 (11 pp.)

"Model-Based Nuclear Power Plant Monitoring And Fault Detection: Theoretical Foundations," by Ralph M. Singer, Kenny C. Gross, James P. Herzog, Ronald W. King, and Stephan Wegerich, presented at the International Conference on Intelligent System Application to Power Systems (ISAP '97), July 6-10, 1997, Seoul, Korea (pp. 60-65)

"Application Of A Model-Based Fault Detection System To Nuclear Plant Signals," by K. C. Gross, R. M. Singer, S. W. Wegerich, J. P. Herzog, R. VanAlstine, and F. Bockhorst, presented at the International Conference on Intelligent System Application to Power Systems (ISAP '97), July 6-10, 1997, Seoul, Korea (pp. 66-70)

The above documents are listed on Form PTO-1449 which accompanies this Second Supplemental Information Disclosure Statement, and a copy of each document listed is enclosed herewith.

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Attorney Docket 70048

Pursuant to 37 CFR § 1.97(h), the filing of this Second Supplemental Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By



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December 3, 2001

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